

California Condor

Gymnogyps californianus

Recovery Program

Population Size and Distribution

December 1, 2007

status through November 30, prepared December 3

Overview Page

Refer to the subsequent pages for details and trends



TOTAL POPULATION

CAPTIVE POPULATION

Los Angeles Zoo

San Diego WAP

Boise WCBP

Oregon Zoo

Mexico Zoo (86 & 140)

Mentor Birds in field pens (64 Baja, 155 SoCal)

Pre-release birds in field pens

SoCal

Ventana

Pinnacles

Baja (395, 403, 406, 407)

Arizona (372, 378, 380, 383, 384, 388, 391, 393)

Temporarily in captivity

LAZoo

SoCal

Ventana

Pinnacles

Baja (323, 319)

Arizona (282, 327)

WILD POPULATION

California

Nestlings in wild nests (SoCal 449)

Flying, Wild-fledged (SoCal 326, 412, 428, 450)(Ven 429, 444)

Flying, SoCal released birds

Flying, Ventana released birds

Flying, Pinnacles released birds

Baja California

Nestlings in wild nests

Flying, Wild-fledged

Flying, released birds

Arizona

Nestlings in wild nests

Flying, Wild-fledged (342, 350, 389, 392, 441)

Flying, released birds

			300
		145	
	20		
	23		
	56		
	26		
	2		
	2		
	12		
0			
0			
0			
4			
8			
	4		
0			
0			
0			
0			
2			
2			
		155	
	80		
1			
6			
33			
24			
16			
	15		
0			
0			
15			
	60		
1			
5			
54			

Production, Deaths, Transfers & Releases

Wild Production, 2001- 2007

Wild-laid eggs, California (*one trio with 2 eggs)

Wild-laid eggs, Baja

Wild-laid eggs, Arizona

Wild-fledged birds, California (*one died, SoCal)

Wild-fledged birds, Baja (nestling died)

Wild-fledged birds, Arizona

AS OF Dec 2006: 30 wild-laid eggs, 1 hatched in captivity and was released to the wild (#262), 16 hatched in the wild (fate of nestlings: 6 fledged, 2 in rehab, 8 died), and 13 eggs failed (broken, died, or fate unknown)

'01*	'02	'03	'04	'05	'06	'07	'08	'09	'10	total
2	3	1	3	3	4	6				22
-	-	-	-	-	-	1				1
1	2	3	2	3	3	4				18
-	-	0	1	0	1	5*				7
-	-	-	-	-	-	-				0
-	-	1	2	2	0	1				6

Production - 2007

Eggs: 44 captive laid, 11 wild laid; **Nestlings:** 33

	laid	died	infertile	transferred to	transferred from	nestlings/chicks
TOTALS	55	11	9	6	6	33
Los Angeles Zoo – first egg Feb 10, +8 eggs,	9	3	1	2	2	4
Oregon Zoo – first egg Feb 17, +6, 1 died, 3 hatched	7	1	3	0	0	3
San Diego WAP – first egg Jan 16, +10 eggs, 1 broken, 1 died in wild during pipping at Hopper, 1 hatched in wild 125/111, 6 hatched	11	1	2	0	2	6
Boise WCBP – 17 eggs, 4 died, 10 hatched	17	4	2	0	0	11
Wild, Arizona – 4 egg	4	2	0	0	0	2
Wild, Baja - 1 egg, April 20 nestling, chick disappeared 21May	1	0	0	0	0	1
Wild, SoCal – AC9/192 Jan 27(egg to LAZ), +3 egg, 1 nestling Mar 26(original egg), (egg fr SDWAP failed at pipping), 107/161 May 3; 125/111 May 15 (fostered egg fr LAZ); 205/255 May 12	4	0	0	2	1	4
Wild, Pinnacles -	0	0	0	0	0	0
Wild, Ventana - first egg Feb 17, +1 egg, Apr 10 & May 6 nestling	2	0	1	2	1	2

Deaths - 2007

Los Angeles Zoo – T455 chick 8Jun

Oregon Zoo –

San Diego WAP –

Boise WCBP – #434 chick 16Oct

Wild, Arizona - #248 Utah Jan Lead, #232 Phoenix Zoo 3Jan Lead, #227 AZ 11Jan Lead, #136 Kaibab Plateau 3May; #343 missing Mar07

Wild, Baja - #437 wild chick missing 21May; #390 found dead 15Nov Baja

Wild, SoCal - #245 LAZoo lead 13Aug; #443(fledgling) found dead 16Nov Hopper Cyn (fire?)

Wild, Pinnacles - #307 Ventana Wild. 18May; #417 near PNM on private land 12May

15
1
0
0
1
5
2
2
2

Wild, Ventana - #301 Big Sur 16May powerline; **#356** 3Oct unknown

2

Transfers - 2007 (to)

Los Angeles Zoo – #226 fr So.Cal. (BC) Jan10, **#402** fr Pinnacles Jan15 (TEMP),**#216,237** SoCal Feb21(lead)(TEMP),**#412** fr SoCal Mar1 (lead)(TEMP), **#213, 364** fr So.Cal. Mar22, **#239** fr SoCal Mar22(TEMP); **#265** fr Pinnacles Apr9; **332** fr Pinnacles wing injury Apr17; **#214, 237, 238, 412** all lead (temp) SoCal May2; **306** lead fr Pinnacles Jul3; **#242** fr Ventana Jul18 (TEMP); **#79, 289** frSoCal patagial repair 18Sep

Oregon Zoo - #385 fr WCBP Jan; **#36** fr Pinnacles 30May; **# 40, 189, 290, 295, 355, 357** fr LAZ 14Nov

SDWAP -

WCBP - #367,379,404&420 fr OZoo 2Jan; **#409,413,414** fr SDWAP 3Jan

Arizona - #265, 423 fr LAZ 12Apr; **#270** fr Phoenix Zoo 3Jul

Mexico Zoo - #140 & 86 31May

Baja – #395, 403, 406, 407 fr WAP 3Aug

SoCal - #265 fr LAZ Jan17, **#237** fr LAZoo Feb28, **#214, 328, 364, 370, 374, 397, 402, 408** fr LAZoo Mar13, **#155** fr Pinnacles Mar8, **#213** fr LAZ Mar26; **#412** fr LAZoo Apr2; **#216, 239, 364** fr LAZoo Apr17; **#79 & 289** fr LAZ patg. Repair

Pinnacles - #265 fr SoCal 21Jan; **#417** fr SoCA 17Jan; **#155** fr So.Cal. 17Jan; **#400, 401, 402, 405, 411** fr WCBP 10Jan; **#36** fr OZoo 1Mar; **#332, 306** fr LAZ 16Jul

Ventana -

71
18
8
0
7
3
2
4
18
11
0

Releases - 2007 (original & RE-release)

Arizona - #327, 366, 368, 275RE, 282RE, 302RE, 329RE 3Mar, **274RE** April, **#270RE** 17Jul; **#265RE, 324RE, 392RE, 423** 7Oct

Baja – #359, 361, 362, 373, 390 9Jun

SoCal - #125RE, 111RE Hopper 18Jan; **#79RE, 289RE** 2Oct; **#328, 374** 3Oct BC; **#412RE** 13Oct; **#397** 19Oct BC; **#370** 24Oct BC; **#402, 408** 7Nov BC

Pinnacles - #265 25Jan; **#400 & 401** 24Apr; **#417** 3May; **#405** 21Aug; **#411** 22Aug; **#306RE, 332RE, 351RE** Aug

Ventana -

38
13
5
11
9
0

Wild Population Statistics

Releases:

1988-92: SoCal – 15 Andean condors released, 1 died, 14 recaptured and released in South America

1992-94: SoCal – 13 California condors released in 1992-93: 6 died, 6 returned to permanent captivity. No. 79 released back to wild in 2006.

RELEASED - Captive Reared California Condors - as of report date																		
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	64scC	83scC		98sc	118scD	114az	176azD	168v	60azC	206sc	218ba	217ba	265p	297az	334az	327az		
2	66scD	87scD		99scC	125sc	116azD	177azD	174scC	70azC	213sc	236v	220ba	266p	302az	337az	328sc		
3	75scD	88scC		100scD	129scD	119azD	182az	175scD	74azD	214sc	237sc	261ba	269ba	314az	338baD	359ba		
4	76scC	89scD		101scD	130scD	122az	182azD	178scD	82azD	215scD	238sc	267scD	270p	315baD	344ba	361ba		
5	77scC	92scC		102scD	131scD	123az	184azD	179vD	199v	216sc	239sc	268scD	279baD	320ba	354az	362ba		
6	78scD			103scD	132scD	124azD	186azD	180vC	200vD	219v	240azD	272az	282az	321ba	356vD	366az		
7	79sc			105scD	133az	126az	187az	181scD	201scD	222v	241az	273az	284ba	322ba	357vC	368az		
8	81scD			106scD	135scC	127az	191azD	185scD	202scD	230vD	242v	274az	286p	323ba	358sc	370sc		
9				107sc	136azD	128azD	193az	188scD	204v	231v	243az	275az	291azD	324az	360sc	373ba		
10				108sc	142azD	134v		189vC	208v	233vD	245scD	276az	293az	325ba	363vD	374sc		
11				109scD	143scD	137vC		190v	209v		246az	277scD	294v	329az	364sc	390baD		
12				111sc	149azD	145vC		192v	210az		247sc	278p	296az	330p	365sc	397sc		
13				112sc	150azD	147vC		194v	212vD		248azD	280az	298v	331az	369sc	400p		
14				113scD	151azD	152scD		195az	223az		249azD	281az	299az	332p	371az	401p		
15						153scD		196azD	224azD		250az	287p	300azD	335p	375v	402sc		
16						155scC		197azD	227azD		251v	289sc	301vD	336p	376vD	408sc		
17						156sc		198azD	228azD		252azD		303v	340p	377v	405p		
18		305azFD-2003				158az		203az	232azD		253az		304azD	343azD	387az	411p		
19		326scF-2004				161v		207azD	234az		254vD		306p	345p		417pD		
20		342azF-2004				162az		211azD	235azD		255sc		307pD	346az		423az		
21		350azF-2004				164vD					256vD		310p	347azD				
22		389azF-2005				165azD					257az		311v	349az				
23		392azF-2005				167v					258azD		312p	351p				
24		412scF-2006				169azD					259baD		313p	352az				
25		428scF-2007				170vD					260vD		316az					
26		429vF-2007				171v					262sc		317p					
27		441azF-2007											318v					
28		443scFD-2007											353azD					
29		444vF-2007																
30																		
31																		
32																		
SoCal	8	5		14	8	4		6	2	5	7	4			5	6		74
Pinnacles												2	10	7		5		24
Ventana						9		7	6	5	6		6		6			45
Baja											2	3	3	6	2	5		21
Arizona					6	13	9	7	12		11	7	9	11	5	4		94
TOTAL	8	5	0	14	14	26	9	20	20	10	26	16	28	24	18	20		258
in wild	1			5	2	12	3	6	7	7	16	13	21	21	13	18		145
captive	3	3		1	1	4		3	2						1			18
died	4	2		8	11	10	6	11	11	3	10	3	7	3	4	2		95

sc=SoCal, az=Arizona, ba= Baja, v=Ventana, p=Pinnacles

D=died

F=fledged

C=Captive

DEATHS - Captive Reared Released California Condors - as of report date																			
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
1	66sc	75sc	87sc		109sc	103sc	143sc	113sc	74az	132sc	100sc	170v	176az	164v	119az	136az			
2		78sc	89sc		118sc	128az	152sc	124az	82az	201sc	186az	179sc	279ba	235az	149az	227az			
3		81sc				129sc	153sc	130sc	101sc	215sc	212v	198az	300az	249az	196az	232az			
4						131sc	169az	175sc	102sc	228az	233v	200v		291az	224az	245sc			
5						142az	177az	178sc	105sc	230v	240az	202sc		347az	259ba	248az			
6						151az		185sc	106sc		252az	254v		353az	277sc	301v			
7								188sc	116az		258az	256v			304az	307p			
8									150az			260v			315ba	343az			
9									165az			267sc			338ba	356v			
10									181sc			268sc			363v	390ba			
11									182az						376v	417p			
12									184az										
13		305azFD-2005							191az										
14		443scFD-2007							197az										
15									207az										
16									211az										
SoCal	1	3	2		2	3	3	6	5	3	1	4			1	1			35
Pinnacles																2			2
Ventana										1	2	5		1	2	2			13
Baja													1		3	1			5
Arizona						3	2	1	11	1	4	1	2	5	5	5			40
TOTAL	1	3	2	0	2	6	5	7	16	5	7	10	3	6	11	11			95

sc=SoCal, az=Arizona, ba= Baja, v=Ventana, p=Pinnacles, D=died, F=fledged

Wild Population Trend - including fledglings & chicks (2007 forward as of report date, previous years as of Dec 31)																		
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Wild California	7	9	0	6	17	16	23	29	30	32	36	41	44	54	---	---		
SoCal															24	34		
Ventana															29	24		
Pinnacles															13	16		
Wild-fledged													1	1	2	6		
CA Total	7	9	0	6	17	16	23	29	30	32	39	42	47	1	68	80		
Wild BAJA												5	5	9	11	15		
Wild-fledged																		
Baja Total												5	5	9	11	15		
Wild ARIZONA						13	15	20	20	26	32	36	43	51	47	55		
Wild-fledged												1	3	4	4	5		
AZ Total						13	15	20	20	26	32	37	46	55	51	60		
TOTAL	7	9	0	6	17	29	38	49	50	58	71	84	98	65	130	155		

Explanatory Notes

Numbers reported in the monthly status report should be treated as tentative data. These are based on the best information available each month from cooperators in the field and facilities. If a reporting error is discovered after posting online, no correction will be disseminated, unless the error is substantive. Occasionally, a missing bird will continue to be reported live each month until field personnel are satisfied that there is little likelihood it is still alive. For such individuals, the date last detected normally is presumed to be the date of death. Questions about these summaries should be directed to: jesse_grantham@fws.gov.

SB# - Condor Studbook number

"CAPTIVE POPULATION" includes:

- birds captured from the wild prior to 1988 that are still in a captive facility (e.g., zoo)
- previously released birds returned to captivity permanently or for care and possible re-release
- surviving chicks and juveniles (excludes eggs laid)
- captive-hatched birds retained for captive breeding
- young birds held in breeding facilities in preparation for transfer to a field pen for release
- "mentor birds" from a captive facility transferred temporarily into a field pen to aid socialization of pre-release
- birds transferred from a captive facility to a field pen in preparation for initial release or re-release
- LAZ is Los Angeles Zoo; WAP is Wild Animal Park, Zoological Society of San Diego; WCBP is World Center for Birds of Prey, The Peregrine Fund; OZ is Oregon Zoo; MZ is Mexico Zoo; sc is Southern California; V is

"Released" refers to birds raised in captivity and introduced to the wild; to previously released birds that were translocated to a second population (date of release to the second population becomes the release date for tracking purposes); and to birds captured prior to 1988 that were returned to the wild after 1995.

"RE-released" refers to previously released birds that were re-captured temporarily and held in field pens, or that were re-captured for long-time care or observation in breeding facilities, and that were later returned to their

"WILD POPULATION" includes:

- free-flying birds recently accounted for
- free-flying birds, assumed to be alive, although not recently accounted for
- nestlings in wild nests
- temporarily re-captured wild birds, held in a field pen, that are intended to be re-released soon

"So. Calif." "SoCal" "sc" refers to birds originally released at sites from San Luis Obispo County to Ventura County by the U.S. Fish and Wildlife Service Hopper Mountain National Wildlife Refuge Complex. Birds released in the two California release areas now freely intermingle.

"Central Calif." refers to birds originally released at sites north of San Luis Obispo County by the Ventana Wilderness Society. Birds released in the two California release areas now freely intermingle.

"Baja Calif." refers to birds originally released in Baja California, Mexico, by the Zoological Society of San Diego, the Centro de Investigación Científica y de Educación Superior de Ensenada, and the Instituto Nacional

"Arizona" refers to birds released by The Peregrine Fund in Arizona and that range in Arizona and other states

Mortalities requiring law enforcement investigation often will not be publicly reported immediately.